



2 FIRST FLOOR PLAN - HVAC
1/8"=1'-0" EXIST DUCTWORK

KEYED NOTES:

- 1 REMOVE EXISTING DAMPER AND CAP AND EXTEND NEW RETURN AIR DUCTWORK TO SERVE NEW MICU WEST.
- 2 EXIST VAV BOXES 1F141A AND 1F141B REMAIN AND CONNECT TO EXISTING DUCTWORK. EXISTING PRIMARY DUCTWORK TO THESE BOXES REMAINS.
- 3 CONNECT TO EXIST DUCTWORK OFF BOX 1F140 AND EXTEND AS SHOWN.

RENOVATION LEGEND

SYMBOL	DESCRIPTION
	EXISTING EQUIPMENT TO REMAIN
	EXISTING DUCT TO REMAIN
	NEW EQUIPMENT
	NEW DUCT
	CONNECT TO EXISTING

DUCT CONSTRUCTION					
DUCT APPLICATION	SMACNA DUCT PRESSURE CLASS	FLEXIBLE DUCT SMACNA PRESSURE CLASS	SMACNA DUCT SEAL CLASS	ROUND/FLAT OVAL DUCT SMACNA LEAKAGE CLASS	RECTANGULAR DUCT SMACNA LEAKAGE CLASS
SUPPLY DUCT FROM VAV AHU TO AIR TERMINALS	+4	+10	A	3	6
AIR TERMINALS TO DIFFUSER	+1	+10	C	12	24
SUPPLY DUCT FROM VAV AHU/FCU/BOU TO DIFFUSER	+1	+10	C	12	24
RETURN DUCT	-2	-2	C	12	24
EXHAUST DUCT	-3	-2	B	6	12
VENTILATION DUCT	-2	-2	C	12	24